

Injection Molding

Applications

- Pails and crates
- Auto and electrical appliance parts
- Furniture
- Containers

Characteristics

- High impact strength
- Good processability
- Good stiffness
- Food contact applicable - complies with U.S. FDA 21 CFR 177.1520

Property	Value	Unit	ASTM Test
Melt Index, (230 °C/2.16 kg)	5.0	g/10 min	D 1238
Density	0.910	g/cm ³	D 1505
Tensile Strength at Yield	270	kg/cm ²	D 638
Tensile Strength at Break	200	kg/cm ²	D 638
Flexural Modulus	12500	kg/cm ²	D 790
Rockwell Hardness, R Scale	60		D 785
Notched Izod Impact, 23 °C	12	kg.cm/cm	D 256
Notched Izod Impact, 0 °C	6	kg.cm/cm	D 256
Notched Izod Impact, -20 °C	5	kg.cm/cm	D 256
Heat Deflection Temp. (4.6 kg/cm ²)	100	°C	D 648
Heat Deflection Temp. (18.5 kg/cm ²)	55	°C	D 648
Vicat Softening Point	150	°C	D 1525
Melting Point	163	°C	D 2117
Brittleness Temperature	-20	°C	D 746

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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